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Rock-controlled coastal landforms in the flysch-dominated Basque Coast UNESCO Global Geopark

SUPPLEMENTARY MATERIAL

REMOTELY SENSED DATA USED

LiDAR-derived Digital Terrain Model

Note: The DTM for 2013 was produced by the Basque Government through the integration of LiDAR data from 2012 with orthophotogrammetric data from 2013.

Similarly, the DTM for 2017 was created by integrating LiDAR data from 2016 with orthophotogrammetric data from 2017.

DTM year	Source LiDAR year	Integrated orthophoto year	Spatial resolution	Data source
2017	2016	2017	1 m	link
2016	2016	-	1 m	link
2013	2012	2013	1 m	link
2012	2012	-	1 m	link
2008	2008	-	1 m	link

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Aerial photographs

Type of data	Year	Spatial resolution	Data source
Orthophoto	1945-1946	0.5 m	link
Orthophoto	1956-1957	0.5 m	link
Orthophoto	1984-1985	0.5 m	link
Orthophoto	1991	1 m	link
Orthophoto	2001	1 m	link
Orthophoto	2009	0.25 m	link
Orthophoto	2012	0.25 m	link
Orthophoto	2014	0.25 m	link
Orthophoto	2015	0.25 m	link
Orthophoto	2016	0.25 m	link
Orthophoto	2017	0.25 m	link
Orthophoto	2018	0.25 m	link
Orthophoto	2019	0.25 m	link
Orthophoto	2021	0.25 m	link
Orthophoto	2022	0.25 m	link

Google Earth images

Date	Imagery Source	Platform	Notes
April 2024	© Airbus	Google Earth Pro	Imagery provider from watermark
July 2020	Not labeled	Google Earth Pro	Provider not indicated
October 2018	Not labeled	Google Earth Pro	Provider not indicated
August 2018	Not labeled	Google Earth Pro	Provider not indicated
June 2026	Not labeled	Google Earth Pro	Provider not indicated
October 2014	Not labeled	Google Earth Pro	Provider not indicated
December 2011	Not labeled	Google Earth Pro	Provider not indicated
June 2010	© 2025 Maxar Technologies	Google Earth Pro	Imagery provider from watermark
December 2009	© 2025 Eusko Jauriaritza - Gobierno Vasco	Google Earth Pro	Regional government aerial imagery
December 2008	© 2025 Eusko Jauriaritza - Gobierno Vasco	Google Earth Pro	Regional government aerial imagery
December 2006	© 2025 Eusko Jauriaritza - Gobierno Vasco	Google Earth Pro	Regional government aerial imagery
December 2004	© 2025 Eusko Jauriaritza - Gobierno Vasco	Google Earth Pro	Regional government aerial imagery
December 2004	© 2025 Eusko Jauriaritza - Gobierno Vasco	Google Earth Pro	Regional government aerial imagery
May 2001	© 2025 Maxar Technologies	Google Earth Pro	Imagery provider from watermark
December 1991	© 2025 Eusko Jauriaritza - Gobierno Vasco	Google Earth Pro	Regional government aerial imagery